

## OK SERIES HYDRAULIC MOTOR

OK series motor adapt the advanced Geroler gear set design with shaft distribution flow, which can automatically compensate in operating with high pressure, provide reliable and smooth operation, high efficiency and long life.

#### Characteristic features:

- \*Advanced manufacturing devices for the Gerolor gear set, which use low pressure of start-up, provide smooth, reliable operation and high efficiency.
- \*Shaft seal can bear high pressure of back and the motor can be used in parallel or in series.
- \*Special design in the driver-linker and prolong operating life
- \*Special design for distribution system can meet the requirement of low noise of unit.
- \*Compact volume and easy installation

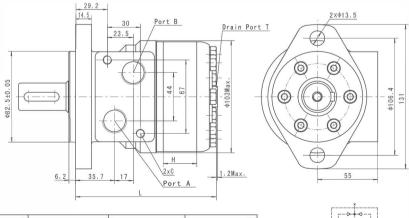
# Main Specification

Technical data for OK with 25 and 1 in and 1 in splined and 28.56 tapered shaft

Code	Displacement [cm/rev]	Max.Speed [rpm]	Max.Torque [Nm]		Max.output [kW]		Max.pressure [MPa]		Max.Oil Flow[L/min]
		cont.	cont.	int.	cont.	int.	cont.	int.	cont.
OK 36	36	1111	66	83	9	10.4	14	17.5	40
OK 50	51.7	780	100	129	9	10.4	14	17.5	40
OK 80	81.5	744	158	196	10.4	12.6	14	17.5	60
OK 100	102	595	200	242	10.8	12.8	14	17.5	60
OK 125	127.2	480	248	298	10.8	12.5	14	17.5	60
OK 160	157.2	382	315	384	10.4	11.5	14	17.5	60
OK 200	194.5	301	339	419	8.8	10.2	12.5	15.5	60
OK 250	253.3	238	403	474	8.1	9.4	11	14	60
OK 315	317.5	191	398	498	7.4	7.8	9	12.5	60
OK 375	381.4	162	373	466	6.2	7.1	7.5	9	60

<sup>\*</sup> Intermittent operation: the permisssible values may occur for max.10% of every minute

Туре	Н	L		
OK36	7	105		
OK50	10	108		
OK80	16	114		
OK100	20	118		
OK125	25	123		
OK160	30.5	128.5		
OK200	38.1	136		
OK250	50	148		
OK315	62	160		
OK375	74	172		

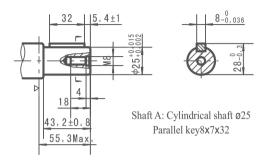


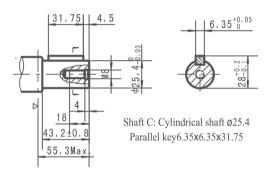
Mounting Code	D (depth)	M (depth)	S (depth)	P (depth)	R (depth)	
P(A,B)	G1/2 (15)	M22 x 1.5 (15)	7/8-14 O-ring (16.7)	1/2-14NPTF (15)	PT(RC)1/2 (15)	
С	4-M8 (13)	4-M8 (13)	4-5/16-18UNC(13)	4-5/16-18UNC(13)	4-M8 (13)	)
Т	G1/4 (12)	M14 x 1.5 (12)	7/16-20UNF (12)	7/16-20UNF (12)	PT(RC)1/4 (9.7	)

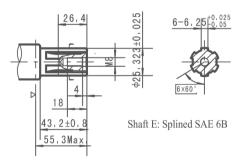
Direction of shaft rotation: Standard
When facing shaft end of motor, shaft to rotate:
Clockwise when port "A" is pressurized.
Counter-clockwise when port "B" is pressurized.

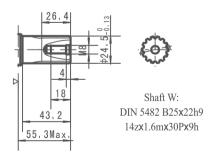
# RDN-TDK

### SHAFT EXTENSIONS FOR OK MOTORS









Order Information

ON ON WOTONS									
	8	Unusually Function	Standard Free Running No case drain						
			Omit P						
	7	Paint	No paint Blue Black Sliver grey						
			Omit S						
	9	Rotation Direction	Omit Standard R Opposite						
		Rota							
8	5	Ports and Drain Port	D G1/2 Manifold 4xM8, G1/4 M M22x1.5 Manifold4xM8,M14x1.5 S 7/8-14 O-ring manifold 4x5/16-18UNC,7/16-20UNF 1/2-14NPTF manifold 4x5/16-18UNC,7/16-20UNF R PT(Rc)1/2 manifold 4xM8,PT(Rc)1/4						
2	4 Output Shaft		A Shaft Ø25 , parllel key 8x7x32 C Shaft Ø25.4 , parllel key 6.35x6.35x31.75 E Shaft Ø25.4 , splined key SEA 6B W Shaft Ø24.5, splined B25X22 T Cone shaft Ø28.56, parllel key B5x5x14						
4			uff 025, uff 025, uff 025.4 uff 025.4 uff 025.4 uff 025.4 uff 024.5 uff 024.						
Ţ			Shr Shr T W Shr						
e									
2	က	Flange	2-013.5 Rhomb-flange , pilot 082.5x6.2						
-			S S						
	2	Disp.	36 50 80 100 125 160 200 200 250 315 375						
Ą	Pos.1	Code Disp.	Omit						